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TITLE

METHOD FOR CULTIVATION OF FILAMENTOUS FUNGI

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ABSTRACT OF THE DISCLOSURE

The invention discloses a method for cultivation of filamentous fungi using a suspended nutritionally solid substrate, the method including the steps of: (a) preparing a medium comprising a nutritionally solid substrate; and (b) inoculating an inoculum into the medium comprising the nutritionally solid substrate in a bioreactor to carry out fermentation. The present invention combines the properties of solid-state culture and submerged culture. In addition, the present invention may employ an air-lift bioreactor with a net draft tube and the fed-batch process to elevate the yields of filamentous fungi and metabolites thereof.